

NODE=B167

 **$\Sigma(1900)$  1/2<sup>-</sup>** $I(J^P) = 1(\frac{1}{2}^-)$  Status: \*

OMITTED FROM SUMMARY TABLE

 **$\Sigma(1900)$  MASS**

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
<b>1900±21</b>	ZHANG	13A	DPWA Multichannel

NODE=B167M

NODE=B167M

 **$\Lambda(1900)$  WIDTH**

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
<b>191±47</b>	ZHANG	13A	DPWA Multichannel

NODE=B167W

NODE=B167W

 **$\Sigma(1900)$  DECAY MODES**

Mode	Fraction ( $\Gamma_i/\Gamma$ )
$\Gamma_1$ $N\bar{K}$	(67±17) %
$\Gamma_2$ $\Sigma\pi$	(10± 5) %

NODE=B167215;NODE=B167

 **$\Sigma(1900)$  BRANCHING RATIOS**

$\Gamma(N\bar{K})/\Gamma_{\text{total}}$	$\Gamma_1/\Gamma$
<b>0.67±0.17</b>	ZHANG 13A DPWA Multichannel

DESIG=1

DESIG=2

NODE=B167220

NODE=B167R01  
NODE=B167R01

$\Gamma(\Sigma\pi)/\Gamma_{\text{total}}$	$\Gamma_2/\Gamma$
<b>0.10±0.05</b>	ZHANG 13A DPWA Multichannel

NODE=B167R02  
NODE=B167R02 **$\Sigma(1900)$  REFERENCES**ZHANG 13A PR C88 035205 H. Zhang *et al.* (KSU)

NODE=B167

REFID=55441